

Resource Summary Report

Generated by [dkNET](#) on Sep 3, 2026

psiCHECK-2 SV40 Cyclone-RLuc

RRID:Addgene_247494

Type: Plasmid

Proper Citation

RRID:Addgene_247494

Plasmid Information

URL: <http://www.addgene.org/247494>

Proper Citation: RRID:Addgene_247494

Insert Name: Renilla luciferase gene with Cyclone insertion

Organism: Synthetic

Bacterial Resistance: Ampicillin

Defining Citation: [PMID:41184552](#)

Vector Backbone Description: Backbone Marker:Promega; Backbone Size:5337; Vector Backbone:psiCHECK-2; Vector Types:Mammalian Expression, Luciferase, Synthetic Biology; Bacterial Resistance:Ampicillin

Comments: Please note: This plasmid contains a 64bp insertion in the backbone likely due to an error during the Gibson assembly ligation step. This insertion does not impact plasmid function.

Plasmid Name: psiCHECK-2 SV40 Cyclone-RLuc

Relevant Mutation: Cyclone was inserted after Q288 of Renilla luciferase to gain acyclovir control.

Record Creation Time: 20251224T053334+0000

Record Last Update: 20260902T044902+0000

Ratings and Alerts

No rating or validation information has been found for psiCHECK-2 SV40 Cyclone-RLuc.

No alerts have been found for psiCHECK-2 SV40 Cyclone-RLuc.

Data and Source Information

Source: [Addgene](#)

Usage and Citation Metrics

We have not found any literature mentions for this resource.